

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	54275	(vehicle or car or automobile or automotive) and (air or airflow) and (vent or port or outlet or grille or grill or diffuser) and (cylindrical or tubular) and (heat\$3 or condition\$3 or treatment) and (rotat\$4 of pivot\$4 or oscillat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 10:10
S2	9989	S1 and ((air or airflow) same (vent or port or outlet or grille or grill or diffuser) same (cylindrical or tubular) same (rotat\$4 of pivot\$4 or oscillat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 10:11
S3	275	S2 and "454".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 10:12
S4	186	(vehicle or car or automobile or automotive) and (air or airflow) and (vent or port or outlet or grille or grill or diffuser) and (cylindrical or tubular) and (heat\$3 or condition\$3 or treatment) and (rotat\$4 of pivot\$4 or oscillat\$3)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 10:24

S5	2	("3659515").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/27 10:36
S6	13	("1329881"   "2840109").PN. OR ("3659515").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 10:37
S7	24	("0842538"   "1336970"   "2825979"   "3128161"   "3299529"   "3659515"   "3878621"   "4006672"   "4370155").PN. OR ("4558526").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 10:38
S8	18	("2949678"   "3279093"   "3806985"   "3808703"   "4558526"   "4594797").PN. OR ("4683668").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 10:42
S9	32	("3449838").PN. OR ("3878621").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 10:44
S10	3	("2825979").URPN.	USPAT	OR	ON	2009/04/27 10:46
S11	19	("1664098"   "2825979"   "2837830"   "3033539"   "3089252"   "3161482"   "3214845").PN. OR ("3702503").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 10:47
S12	37	((("7044849") or ("6113483") or ("5676595") or ("5588910") or ("5176567") or ("5062352") or ("3766843") or ("3659515") or ("3062126") or ("2053606") or ("1658881")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/27 10:58

S13	8	("1663500"   "1980039"   "2477519"   "2539976").PN. OR ("3766843").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 10:59
S14	1	("2053606").URPN.	USPAT	OR	ON	2009/04/27 11:00
S15	0	("1658881").URPN.	USPAT	OR	ON	2009/04/27 11:00
S16	5	("1759001").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/27 11:57
S17	1	("1759001").URPN.	USPAT	OR	ON	2009/04/27 11:57
S18	2	JP near "2003094933"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 11:58
S19	2	JP near "2001097037"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 12:02
S20	318	454/69.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 13:31
S21	277	454/152.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 13:31
S22	56	454/153.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 13:32

S23	95	454/154.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 13:32
S24	391	454/155.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 13:32
S25	105	454/286.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 13:32
S26	319	454/305.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 13:32
S27	151	454/334.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 13:32
S28	11	("1299480"   "1579567"   "2058659"   "2524974").PN. OR ("5162018").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 13:49
S29	6	("2058659").URPN.	USPAT	OR	ON	2009/04/27 13:49
S30	11	("2314850"   "3018711"   "3264971"   "4135440"   "4633770").PN. OR ("5643080").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 14:27
S31	7	("0791397"   "5044259"   "5238452"   "5358444"   "5643080").PN. OR ("6663483").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 14:28

S32	0	("1502745").URPN.	USPAT	OR	ON	2009/04/27 14:32
S33	12	("2248983"   "2279804"   "2373741").PN. OR ("5315846").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 14:58
S34	6	("3387550").URPN.	USPAT	OR	ON	2009/04/27 15:00
S35	14	("0832247"   "2571583"   "2938449"   "3441082"   "3452667"   "3736858").PN. OR ("3937132").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:10
S36	1	("2969009").URPN.	USPAT	OR	ON	2009/04/27 15:12
S37	64	454/188-193.ccls. and (cylindrical or tubular) and (rotat\$4 of pivot\$4 or oscillat \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 15:44
S38	668	"34".clas. and ((cylindrical or tubular or tube) with (rotat\$4 or pivot\$4 or oscillat\$3) with (vent or port or outlet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 15:54
S39	16	Stefani-Giovanni\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 16:10
S40	7	"454".clas. and Rover.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 10:02

S41	57	(US-20080318510-\$ or US-20070277548-\$).did. or US-6261172-\$ or US-6113483-\$ or US-5399120-\$ or US-5350335-\$ or US-5176567-\$ or US-4476773-\$ or US-4413550-\$ or US-3736858-\$ or US-3661069-\$ or US-3659515-\$ or US-6431976-\$ or US-4558526-\$ or US-4683668-\$ or US-3878621-\$ or US-2825979-\$ or US-3702503-\$ or US-5588910-\$ or US-5062352-\$ or US-3766843-\$ or US-2053606-\$ or US-1658881-\$ or US-1759001-\$ or US-5162018-\$ or US-2058659-\$ or US-5643080-\$ or US-6663483-\$).did. or (US-1502745-\$ or US-5315846-\$ or US-3387550-\$ or US-3937132-\$ or US-3919929-\$ or US-2969009-\$ or US-6131303-\$ or US-6083099-\$).did. or (US-3329078-\$ or US-1799327-\$ or US-3387550-\$ or US-0673393-\$ or US-2500606-\$).did. or (DE-3421323-\$ or FR-2696382-\$ or DE-3301570-\$ or WO-2005061250-\$).did. or (JP-2002293127-\$ or JP-11217020-\$ or JP-09290621-\$ or JP-2003094933-\$ or JP-2001097037-\$ or JP-58211905-\$).did. or (EP-1690709-\$ or JP-11208264-\$ or JP-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/28 11:39
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		09104218-\$ or DE-19518280-\$ or FR-2696382-\$ or FR-2484045-\$).did.				
S42	3	S41 and friction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 11:39
S43	119	"454".clas. and ((air or airflow) same (vent or port or outlet or grille or grill or diffuser) same (cylindrical or tubular) same (rotat\$4 of pivot\$4 or oscillat\$3)) and friction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 11:40
S44	7	("1502745").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/28 11:52

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